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Application No: 10/539,840
Amendment B
Reply to Office Action Dated 07/23/2007

SEP 14 2007

Attorney Docket No: 3926.188

REMARKS

Claims 18 and 21-38 remain in the application. Claim 18 has been amended. Claims 1-17 and 19-20 have been cancelled.

Drawings

The drawings are objected to under 37 CFR 1.83(a) as not showing every feature of the invention specified in the claims.

More specifically, the Examiner has stated that the LED-modules contacting each other (claim 30) and the common carrier (claim 32) must be shown or the features(s) cancelled from the claim(s).

As already pointed in the previous response, applicant shall only furnish drawings "*where necessary for the understanding of the subject matter sought to be patented.*" See 35 U.S.C. 113. The features that are self-explanatory or can be easily understood by a person skilled in the art are not required to be shown in the drawings.

The features listed above are believed to be common features that can be readily understood by a person skilled in the art. The Examiner has not explained why the above features would not be understood by a person skilled in the art without illustration. The Examiner is, therefore, requested to withdraw the drawing objections or provide reasoning why the above features would not be readily understood by a person skilled in the art without illustration.

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Claim Rejections - 35 U.S.C. § 103

Claims 18-30, 32-34, and 36-38 are rejected under 35 U.S.C. 103(a) as being unpatentable over Begemann et al. (WO 2001/01037) in view of Chen et al. (US 6,520,669).

Claims 31 and 35 are rejected under 35 U.S.C. 103(a) as being unpatentable over Begemann et al. and Chen et al. and further in view of Moriyama et al. (US 2004/0252501).

Claim 18 has been amended to incorporate the features of claim 20.

Begemann et al. do not show an optical element, which influences the course of beam of the light, especially produced by LEDs 11, 12, 13, 14.

Begemann et al. also do not show a LED-module with a group of LEDs and an optical element formed as a common collection lens.

Begemann et al. further do not show on page 7, lines 3-8, cited by the Examiner, an asymmetric design of the arrangement of the LEDs, which is formed by starting from a symmetric arrangement and arriving at an asymmetric arrangement through non-operational or missing LEDs. The opto-electronic elements 11, 12, 13, 14 may be selectively switched on and off, but not non-operational or missing.

In addition, Begemann et al. do not provide any hint toward the specific formation of the beam spread with the specific angles in horizontal and vertical directions. Page 3, lines 23-29 of Begemann et al., cited by the Examiner, disclose different aspects regarding the color distribution inside the light cone of the headlight, but not the spatial boundary, especially not the angles in the horizontal and vertical directions of the beam.

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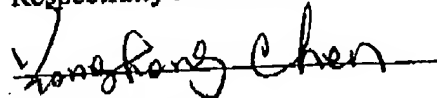
Chen et al. also do not contain any hint toward this specific asymmetric formation of the array and the specific formation of the light cone with the provided angles.

It is, therefore, believed that none of the cited references Begemann et al. and Chen et al. or a combination thereof discloses all the features of amended claim 18. Claim 18 is, therefore, believed to be patentable over the cited prior art and since all the dependent claims are ultimately dependent on claim 18, they are believed to be patentable as well.

Entry of the amendment is requested because no new features have been added and no new search would be required.

Favorable consideration and early issuance of the Notice of Allowance are respectfully requested. Should further issues remain prior to allowance, the Examiner is respectfully requested to contact the undersigned at the indicated telephone number.

Respectfully submitted,



Dated: September 14, 2007

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